

Converting Colors

CIELCh(95, 6.992, 319.483)

Have a look what the booklet for
CIELCh(95, 6.992, 319.483) contains.

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Color

CIELCh(95, 6.511, 319.512)

Conversions

Conversions Part 1

Format	Color
Hex	F7EEF9
RGB	247, 238, 249
RGB Percent	97%, 93%, 98%
CMY	0.0321, 0.0673, 0.0242
CMYK	0.01, 0.04, 0.00, 0.02
HSL	289°, 47%, 95%
HSV	289°, 4%, 98%
XYZ	85.8912, 87.6183, 101.8643
YIQ	241.9450, 1.8330, 5.3290

Conversions

Conversions Part 2

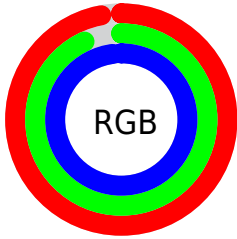
Format	Color
R _Y B	247, 238, 249
Decimal	16248569
CIE Lab	95.00, 4.95, -4.23
CIE LCh	95, 6.511, 319.512
Yxy	87.6183, 0.3119, 0.3182
Android (android.graphics.Color)	4294438649 (0xFF7EEF9)
YUV	241.9450, 3.4781, 4.4332
Hunter-Lab	93.6047, -0.0174, 1.0015

Details

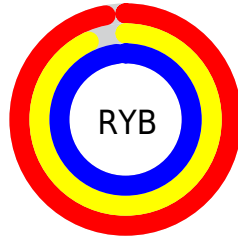
The CIELCh color `95, 6.511, 319.512` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 6.477, 139.187`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 6.836, 319.574` is the 20% darker color. If you saturate the color by 10%, you get `89, 21.409, 319.992`, and if you desaturate by 10%, it is `100, 3.389, 132.130`.

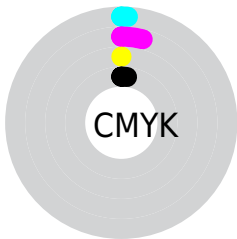
Distribution



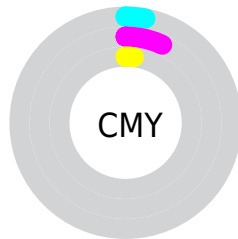
- Red (97%)
- Green (93%)
- Blue (98%)



- Red (97%)
- Yellow (93%)
- Blue (98%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.511, 319.512 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 95, 6.511, 319.512 by changing the saturation by 10% instead.

 95, 6.511, 319.512	 95, 6.511, 319.512
 100, 6.511, 319.512	 85, 6.511, 319.512
	 75, 6.511, 319.512
	 65, 6.511, 319.512
	 55, 6.511, 319.512
	 45, 6.511, 319.512
	 35, 6.511, 319.512
	 25, 6.511, 319.512
	 15, 6.511, 319.512
	 5, 6.511, 319.512

95, 6.511, 319.512

95, 6.511, 319.512

89, 21.409,
319.992

100, 3.389,
132.130

82, 36.468,
320.454

100, 3.120,
109.920

76, 51.468,
320.898

71, 66.084,
321.303

65, 79.852,
321.638

61, 92.169,
321.867

57, 102.343,
321.946

54, 109.740,
321.831

■ 52,114.025,
321.492

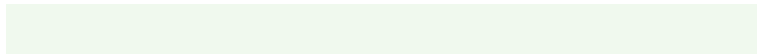
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95, 6.511, 319.512



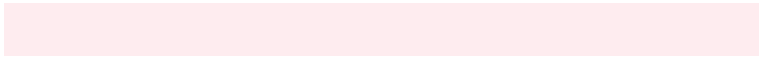
97, 6.477, 139.187

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 6.511, 319.512



95, 6.511, 9.512



95, 6.511, 139.512



95, 6.511, 189.512

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



95, 6.508, 319.510



99, 1.505, 319.226



95, 4.663, 281.929



53, 0.856, 319.215



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.508, 319.510



97, 7.515, 319.541



95, 5.504, 335.199



50, 5.046, 319.576



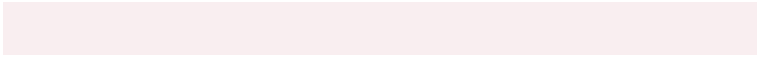
39, 93.675, 321.335



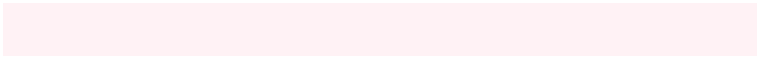
9, 42.254, 322.161

Inverse Universe

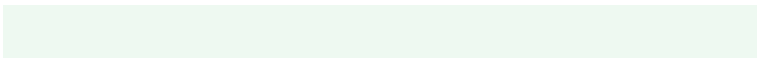
The Inverse Universe completely reimagines the original color for something new.



95, 4.055, 4.890



97, 4.687, 4.962



97, 5.476, 154.733



50, 3.151, 5.044



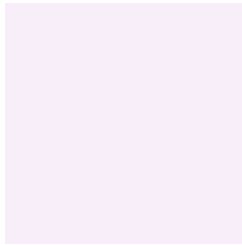
39, 75.056, 30.866



9, 31.081, 18.623

Previews

White Background



This preview shows how the CIELCh color 95, 6.511, 319.512 looks on a white background.

Color Contrast Check

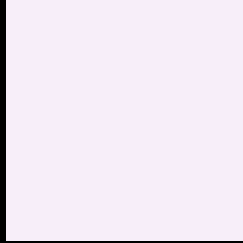
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 6.511, 319.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

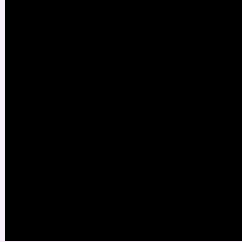
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

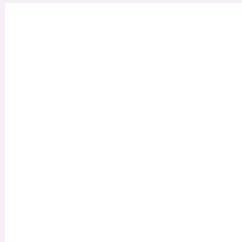
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.511, 319.512

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.511, 319.512.



This preview shows how white text looks on a background with the CIELCh color 95, 6.511, 319.512.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

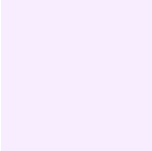
95, 6.511, 319.512

Protanopia

95, 5.771, 301.032

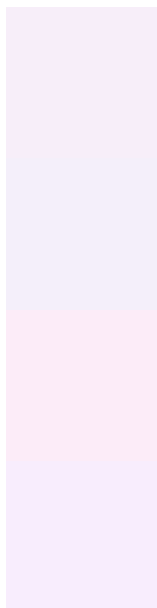
Deuteranopia

95, 9.417, 339.180



Tritanopia
95, 10.060, 313.130

Trichromacy



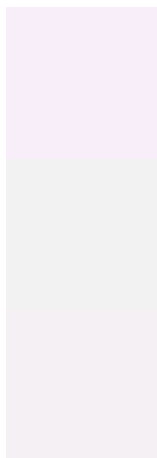
Original Color
95, 6.511, 319.512

Protanomaly
95, 5.944, 307.648

Deuteranomaly
95, 8.395, 332.708

Tritanomaly
95, 9.121, 315.578

Monochromacy



Original Color
95, 6.511, 319.512

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.513, 324.413

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.511, 319.512 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(247, 238, 249)` looks like.

```
.text, #text, p{  
    color:rgb(247, 238, 249)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(247, 238, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 238, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.511, 319.512 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 238, 249) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(247, 238, 249) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(247, 238, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 238, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 238, 249);  
box-shadow:4px 4px 4px 4px rgb(247, 238,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.511, 319.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 238, 249) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(247,  
238, 249) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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